<u>IN THE CLAIMS</u>

Please amend the claims to read as follows:

<u>Listing of Claims</u>

1-14.   (Canceled).

15.   (New)   A method of exchanging signaling information for optimizing a rate control scheme in a mobile Universal Mobile Telecommunication System (UMTS) communication network, wherein data packets are transmitted over the network using Transmission Control Protocol (TCP) from an external packet switched streaming sender to a mobile terminal employing TCP Friendly Rate Control (TFRC) as the rate control scheme with a sending rate which can be adapted using feedback information from the mobile terminal, the method comprising:

exchanging Packet Data Protocol (PDP) context information including a negotiable service parameter indicating the maximum or guaranteed bit rate for downlink between the mobile terminal and a gateway support node of the network;

receiving at a control plane of the mobile terminal the PDP context information;

transmitting the received PDP context information to the packet switched streaming sender using a real time stream protocol; and

adapting the sending rate at the packet switched streaming sender using the received PDP context information according to $X_{next} = \min \{\max \{\min \{2*X, 2*X\_recv\}, s/R\}, X\_max\}$, where X_{next} is the next sending rate, X is the current sending rate, X_recv is the receiving rate at the TFRC mobile terminal, s is the packet size, R is the round trip time and X_max is the maximum or guaranteed bit rate for downlink.

16. (New) A communication system for exchanging signaling information for optimizing a rate control scheme in a mobile Universal Mobile Telecommunication System (UMTS) communication network, the system comprising:

an external packet switched streaming sender for transmitting data packets over the network using Transmission Control Protocol (TCP) to a mobile terminal employing TCP Friendly Rate Control (TFRC) as the rate control scheme with a sending rate which can be adapted using feedback information from the mobile terminal, wherein:

the mobile terminal is adapted to exchange Packet Data Protocol (PDP) context information including a negotiable service

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parameter indicating the maximum or guaranteed bit rate for downlink with a gateway support node of the network,

the mobile terminal is furthermore adapted to receive at its control plane the PDP context information and transmit the PDP context information to the packet switched streaming sender using a real time stream protocol, and

the packet switched streaming sender is adapted to adjust the sending rate using the received PDP context information according to $X_{next} = min \{max \{min \{2*X, 2*X\_recv), s/R), X\_max\}$, where X_{next} is the next sending rate, X is the current sending rate, X_recv is the receiving rate at the TFRC mobile terminal, s is the packet size, R is the round trip time and X_max is the maximum or guaranteed bit rate for downlink.

17.   (New)   The system of claim 16, wherein the UMTS network comprises a gateway GPRS support node that communicates information between the mobile UMTS network and an external packet data network.